

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A single-row or multi-row rolling bearing (1, 2) having thin-walled raceways races, wherein (3, 4, 5), characterized in that the raceways an inner and outer races each having a respective running surface for rolling bodies between the races, the races having a core region outward of the running surfaces, the races are comprised of (3, 4, 5) consist of a martensitic, fully through hardened steel and also having have the following features:

- a surface hardness (7, 7a) of ≥ 613 HV (56 HRC) in the region regions of the running surfaces of the race,
- a core hardness (8) of ≥ 285 HV (28 HRC) of the race,
- a difference (Δ) between the surface hardness and the core hardness of ≥ 150 HV (9 HRC),
- the core hardness being reached at a depth into each race of between 8% of the a diameter of rolling body bodies between the races diameter and 90% of the a wall thickness in the a race base beneath the race running surface, and
- a ratio of the a pitch circle diameter T_k of the bearing to the rolling body diameter D_w of 3 20.

2. (Currently Amended) The rolling bearing as claimed in claim 1, characterized in that wherein the hardness at a depth of 4% of the rolling body diameter D_w is at most 70 HV (4 HRC) lower than at the surface.

3. (Currently Amended) The rolling bearing as claimed in claim 1, characterized in that wherein the raceways (3, 4, 5) consist races are of a corrosion-resistant steel.

4. (Currently Amended) The rolling bearing as claimed in claim 1, characterized in that the raceways (3, 4, 5) are provided with further comprising at least one of securing flanges and/or and reinforcing elements at the races.

5. (Currently Amended) The rolling bearing as claimed in claim 1, characterized in that further comprising rolling bodies between the races and rolling on the running surfaces, the rolling bodies (6) ~~consist~~ are of fully through hardened, martensitic rolling bearing steel, or of surface-hardened steel, or of corrosion-resistant steel or of ceramic.

6. (Currently Amended) The rolling bearing as claimed in claim 5, characterized in that further comprising rolling bodies between the races and rolling on the running surfaces, and the rolling bodies are balls.

7. (Currently Amended) The rolling bearing as claimed in claim 5, characterized in that further comprising rolling bodies between the races and rolling on the running surfaces, and the rolling bodies are rollers.

8. (New) The rolling bearing as claimed in claim 1, further comprising rolling bodies between the races and rolling on the running surfaces.